

PIRI-SUPPORTED PROJECTS AND RESOURCES

Partnership in RBCA Implementation (PIRI)

| Project Title | Description | PIRI Source/Contacts |
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| NATIONAL RBCA SUPPORT | | |
| RBCA Training Initiative | and policy development underway in 47 states. | Steve McNeely, U.S. EPA OUST 703.603.7164 mcneely.steven@epa.gov |
| RBDM Locator | Nationwide quick-reference file identifying state information on Risk-Based Decision Making (RBDM) procedures, and guidance materials. | Peg Rogers, U.S. EPA OUST 703.603.7169 rogers.margaret@epa.gov |
| RBDM Communications Training | Hands-on training on risk communication methods at several agencies. | Peg Rogers, U.S. EPA OUST 703.603.7169 rogers.margaret@epa.gov |
| RBCA Policy Database | Web-page summarizing state RBCA program policies (www.gsi-net.com/RBCAPOL) | Steve McNeely, U.S. EPA OUST 703.603.7164 mcneely.steven@epa.gov |
| RBCA Fate and Transport Modeling Compendium | Practical guidelines for fate-and-transport modeling RBCA, including model selection, parameter estimates, and uncertainty analysis. | Rick Mattick, U.S. EPA OUST 703.603.7154 mattick.richard@epa.gov |
| RBDM Performance Measures | Practical guidelines for state agencies to track RBDM programs in terms of improved risk reduction, decreased backlog, and reduced site remediation costs. | Rick Mattick, U.S. EPA OUST 703.603.7154 mattick.richard@epa.gov |
| RBDM for Leaking USTs in Indian Lands | Guidance manual for step-by-step application of process at UST sites on Indian lands. | Rick Mattick, U.S. EPA OUST 703.603.7154 mattick.richard@epa.gov |
| MTBE Information Clearinghouse | Compendium of information resources regarding health effects, fate-and-transport issues, and remediation strategies. | Maureen Lewison 703.603.7143 lewison.maureen@epa.com |

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| RBCA Policy/Strategy Issues Workbook | Instructional guide for identifying and addressing issues and tasks for RBCA program implementation. Mark Malander, Mobil Oil Corp. 703.849.3429 mark_w_malander@email.mobil.com |
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| RBCA Comparative Evaluation | Comparative evaluation of RBCA policy choices. Mark Malander, Mobil Oil Corp. 703.849.3429 mark_w_malander@email.mobil.com |
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| Regulatory Overlays | Evaluation state regulations to identify specific are or are not compatible with the RBDM process. Mark Malander, Mobil Oil Corp. 703.849.3429 Overlays completed for CT, DC, DE, IL, NJ, PA mark_w_malander@email.mobil.com |
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| Soil Screening Guide | Guidance document on appropriate modeling/procedures for derivation of site-specific soil-to-protection standards. Holly Saffold 908.474.2614 holly.m.saffold@exxon.sprint.com |
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STATE RBCA PROGRAM SUPPORT

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| Alabama Guidance Document | Development of guidance document for state-soil process. Software for RBCA reports and calculation target levels. Phil Bartholomae, BP Amoco 770.641.2453 BARTHOPG@bp.com Dorothy Malaier 334.270.5613 dsm@adem.state.al.us |
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| Alaska Guidance Document | Development of guidance document for state-soil process. Steve Bainbridge, AK Dept. of Env. Conservation 907.451.2360 sbainbri@envirocon.state.ak.us |
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| Florida Natural Attenuation Tool Kit | Modeling tool for evaluating effectiveness of natural attenuation remedies of petroleum cleanup sites. Tom Conrardy, Florida Dept. of Env. Protection 850.498.3935 conrardy_t@dep.state.fl.us |
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| STATE RBCA PROGRAM SUPPORT | | |
| Florida RBCA Policy Study | Evaluation of LUST site closure rates and funding requirements for various policy scenarios, based on detailed analysis of actual sites. | Geoff Gilman, BP Amoco 630.836.5697 glgilman@amoco.com |
| Idaho Guidance Document | Development of guidance document for state-specific process. Software for calculating site-specific target levels. | Mark Malander, Mobil Oil Corp. 703.849.3429 mark_w_malander@email.mobil.com Bruce Wicherski 208.373.0246 bwichers@deq.state.id.us |
| Iowa RBCA Cost Study | Evaluation of potential cost savings generated by RBCA program based on detailed analysis of actual LUST sites. | Geoff Gilman, BP Amoco 630.836.5697 glgilman@amoco.com |
| Kansas Guidance Document | Development of guidance document for state-specific process. Software for RBCA reports and calculations. | Steve McNeely, U.S. EPA OUST 703.603.7164 mcneely.steven@epa.gov Gary Blackburn 913.298.1678 gblackburn@kdhe.state.ks.us |
| Michigan RBCA Software | Customization of GSI RBCA Tool Kit software for Michigan-specific procedures. Joint training of Michigan DNR staff and stakeholders. | Roger Przybysz, Michigan DEQ, STD 616.356.0226 przybysr@state.mi.us |

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| STATE RBCA PROGRAM SUPPORT | | |
| Nebraska Tier 1 Software | Development of Tier 1 software for Nebraska R | Geoff Gilman, BP Amoco 630.836.5697 glgilman@amoco.com David Chambers 402.471.4230 deq083@mail.deq.state.ne.us |
| New Mexico Guidance Doc | Development of guidance document for state-s process. | Karen Synowiec, Chevron Products Co. 510.242.5687 kasy@chevron.com Anna Richards 505.827.0188 anna_richards@nmenv.state.nm.us |
| Oklahoma Guidance Doc | Development of guidance document for state-s process. Software for RBCA reports and calcul target levels. | Karen Lyons, Equilon Enterprises LLC 281.544.6862 kalyons@shellus.com Neil Garrett 405.522.5266 n.garret@ocemail.occ.state.ok.us |
| Aquifer Yield Estimation Guidelines, Texas Risk Reduction Program | Practical procedures for estimation of maximun use in aquifer classification. Employs readily-a parameters in place of costly well yield rests. | Chet Clarke, Texas Natural Resource Conservation Commission 512.239.2268 cclark@tnrcc.state.tx.us |
| Conceptual Guide to Tex Risk Reduction Program | Technical support for development of guidance new risk-based regulatory program covering al | Chet Clarke, Texas Natural Resource Conservation Commission 512.239.2218 cclark@tnrcc.state.tx.us |

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| STATE RBCA PROGRAM SUPPORT | | |

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| Soil Attenuation Model | Enhancement of example ASTM soil-to-groundwater model to account for depth to groundwater and method for estimation of net rainfall infiltration | Chet Clarke, Texas Natural Resource Conservation Commission 512.239.2268 cclark@tnrcc.state.tx.us |
| Utah Risk-Based Corrective Action Guide | Technical support for development of step-by-step document for state-specific RBCA process. | Geoff Gilman, BP Amoco 630.836.5697 glgilman@amoco.com Paul Zahn, Utah DEQ 801.536.4100 pzahn@deq.state.ut.us |
| Wisconsin RBCA Implementation Study | Detailed comparison of Wisconsin corrective action ASTM RBCA process in terms of risk management and costs. | Mark Malander, Mobil Oil Corp. 703.849.3429 mark_w_malander@email.mobil.com |